

LINKSYS®

A Division of Cisco Systems, Inc.

Wireless-G IP Phone for VoIP Service



PRODUCT DATA

Low-Cost High Quality VoIP Calls over a Wireless-G Network

Easy, Secure Setup on WiFi Networks with industry-standard WPS

Superior Range and Performance with 802.11g

Quick Provisioning capabilities for mass-scale Service Provider activation

Wireless-G IP Phone

Model: **WIP310**

PRODUCT DATA

Features

- Support SIP v2 Standards
- Compliance with IEEE 802.11b/g Wireless Standard
- WiFi Protected Setup (WPS)
- Easy Configuration via Web GUI or Linksys Auto Provisioning
- WMM QOS (802.11e)
- Embedded 2.4GHz Antenna support
- Around 3 Hours Talk Time; Around 50 Hours Standby Time on average**
- Backlit Keypad and Display
- Intuitive User Display
- RF and Battery Level Indication
- WiFi Site Survey Tool
- Multi-profile WiFi Support
- Visual Voice Mail
- Connection Status Button
- NAT Pass through/STUN
- USB Charger Interface
- Polyphonic Ring Tone
- Speakerphone

**Batteries are rechargeable and have a limited number of charge cycles. The batteries may eventually need to be replaced. Battery life will vary from the stated average by usage, configuration and environment.

Wireless-G IP Phone

The Linksys WIP310 Wireless-G IP Phone enables high-quality voice over IP (VoIP) service through a Wireless-G network.

The WIP310 Wireless-G IP Phone operates in the 2.4GHz band, supports 802.11g and the latest VoIP SIP protocols. The large, full-color high resolution display features an intuitive user interface enabling users to easily and quickly configure the handset with network access using WiFi Protected Setup (WPS).

WPS is a fast, secure way of connecting the WIP310 Wireless-G IP Phone with any standards based Wireless-G broadband router. Just press the WPS button and your connection will automatically be configured and secured with a custom SSID using powerful WPA (Wi-Fi Protected Access) encryption. Within seconds you have successfully set up a secure connection.

For Internet Telephony Service Providers (ITSP), the WIP310 utilizes the same trusted and proven Linksys provisioning capabilities presently being used to deploy other popular Linksys Voice Products on a massive scale. Customers purchasing VoIP service from the ITSP and using the WIP310 can be quickly provisioned via a WiFi connection where their configuration profile is received securely right to the handset using TFTP, HTTP, or HTTPS.

The included telephone base accentuates the appealing, modern design of the handset and provides hands-free convenience when using the built-in speakerphone. The WIP310 supports many features such as caller ID, call forwarding, call transfer, 3-way conferencing and can store 200 records in its phonebook.

Benefit with low-cost VoIP service with access to any Wireless-G network using the Wireless-G IP Phone from Linksys.

PRODUCT DATA

Wireless-G IP Phone

Specifications

Model	WIP310
Standards	802.11b, 802.11g
Band	2.4GHz
Transmit Power	13 dBm for 802.11g / 15 dBm for 802.11b
Radio Range	Out-door up to 100m-300m, In-door up to 25m-100m
Antenna	PIFA
External interface	One USB Port (1.1 and 2.0), 2.5m Standard 4 Segment Ear Phone Jack
Display	1.8 inch TFT, LCD (128 x 160 pixels) 262K Colors, Backlit
Memory	32MB NAND Flash + 32MB SDRAM
Network Protocols	TCP/UDP/IP, IPV4, DNS, SDP, ARP, ICMP, DHCP Client, Static IP, PPPoE
Security	64-bit, 128-bit WEP Encryption WPA – PSK / TKIP WPA2 – AES / PSK (802.11i)
Voice Protocols	SIP v2 Session Initiation Protocol RFC3261, 3262, 3263, 3264 SDP RFC 2327 SIP Re-Registration with Primary SIP Proxy SIP Proxy Redundancy via DNS SRV
Voice Codec's	G.711 u-law / A-law, G.723.1 (6.3kbps, 5.3kbps), G.726 (at 32 kbps only), G.729AB
DTMF Transmission	In-band, Out-band (RFC2833)
Voice Quality	G.167 and G.168 Echo Cancellation Automatic Gain Control (AG) Adaptive Jitter Buffer Packet/Frame Lost Concealment Adjustable Audio Frames Per Packet CNG - Comfort Noise Generation VAD - Voice Activity Detection
Call Control	Caller ID Call Mute Call Hold / Resume Call Forward (Conditional, Unconditional, Busy or No Answer) Call Transfer (Attended or Blind) Call Waiting Call Blocking Call Park Do Not Disturb Shared Line Appearance 3-way Conferencing with local mixing
Phone Feature	Speaker Phone Local Phone Book Dial from Call History SMS (Short Message Service) Web Services (Weather / Stock Quote / Local Search) Selectable Ring Tones Key Lock

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	Volume Control
	RF/Battery level indication
	WiFi Signal Integrity and Performance
	WiFi AP Site Survey
	Voice / Data Statistic
	Speed Dial
	Clock
	Phone Book (200 Records)
	Call History (20 Records)
Management features	Embedded Web configuration interface (with password protection)
	Auto Provisioning via TFTP/HTTP/HTTPS
	Configuration changes via MMI or Web GUI
	Remote Software firmware via TFTP/HTTP
	Configuration Configuration Redundancy

Environmental

Handset	
Dimensions	1.71" x 5.85" x 1" (44 x 149 x 25 mm) W x H x D
Weight	.24 lb, (110 g), 3.88 oz
Charger	Mini USB AC adapter AC100 ~ 240V Input, 5V/1.0A DC Output
Power	Li-Ion 3.7V 860mAH Battery, AC Adapter
Certification	FCC, CE, IC, WiFi
Operating Temp.	32 to 104 °F (0 to 40°C)
Storage Temp.	-4 to 149 °F (-20 to 65°C)
Operating Humidity	10 to 80% relative humidity, non-condensing
Storage Humidity	10 to 95% non-condensing

Package Contents

- Handset
- Power Adapter
- Li-ion Battery
- USB Cable
- User Guide on CD-ROM
- Quick Install Guide

Minimum Requirements

- Internet Connection (cable/DSL/other)
- Access to WiFi Network
- Wireless Router / Access Point with DHCP server
- Activated VoIP Service

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For support, contact your Internet Service Provider (ISP).

Check the product package and contents for specific features supported. Specifications are subject to change without notice.



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Model: **WIP310**